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TION 54.50 *one*

A circular stamp from the OIPE Patent & Trademark Office. The text "OIPE" is at the top, "JCI 18" is on the right, "AUG 15 2002" is in the center, and "PATENT & TRADEMARK OFFICE" is at the bottom.

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DECLASSIFIED
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____ Statement of relevance of selected cited references not in the English language which are not translated.

____ Statement that selected cited references are substantially cumulative of an enclosed or previously submitted reference.

____ Statement that selected cited references were previously cited by or submitted to the United States Patent and Trademark Office in a prior application which is relied upon for an earlier filing date under 35 U.S.C. § 120.

A. Additional Materials Required Due to Content of Information Disclosure Statement

Transmitted are the following documents in addition to the Supplemental Information Disclosure Statement as required variously under 37 C.F.R. § 1.98:

X Form PTO-1449 listing 2 references submitted for consideration.

X A copy of each of the references listed on the Form PTO-1449.

___ English translations of ___ (___) of the references listed on the Form PTO-1449 which are not in the English language.

___ Copies of the following documents from the prosecution of a previous, related application:

___ Form PTO-1449 AND INFORMATION DISCLOSURE STATEMENT; and

___ Form PTO-892

B. Additional Materials Required Due to Timing of Filing of Information Disclosure Statement

The transmitted Supplemental Information Disclosure Statement is being filed within one (1) of the following four (4) time periods:

I. X Prior to the later of either three (3) months following the filing date or the mailing of a first Office Action. Accordingly, no materials other than those listed above are enclosed.

II. ___ Following the latter of either three (3) months following the filing date or the mailing of a first Office Action, but before the mailing of a final Office Action or a Notice of Allowance. Accordingly, to secure consideration thereof, one (1) of the following is also enclosed:

___ Promptness Certification; or

___ Check No. _____ in the amount of \$180.00 constituting the submission fee set forth in 37 C.F.R. § 1.17(p).

III. ___ After the mailing of a Notice of Allowance, but before payment of the Issue Fee. Accordingly, in order to secure consideration thereof, each of the following are also enclosed:

___ Promptness Certificate;

___ Petition for Consideration; and

____ Check No. in the amount of \$ _____ constituting the petition fee set forth in 37 C.F.R. § 1.17(i)(1).

IV. ____ After payment of the Issue Fee. Accordingly, in order to secure consideration thereof, each of the following are also enclosed:

____ Petition to Withdraw from Issue; and

____ Check No. _____ in the amount of \$ _____ constituting the petition fee set forth in 37 C.F.R. § 1.17(i)(1).

C. Fees

The Commissioner is hereby authorized to charge payment of or any deficiency in the following fees associated with this communication, or to credit any overpayment thereof, to Deposit Account No. 23-3178. A duplicate copy of this letter is enclosed.

X Any fee required in relation to filing of this letter or any documents transmitted therewith.

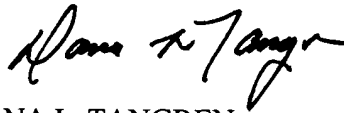
____ The submission fee set forth in 37 C.F.R. § 1.17(p) in the event that 37 C.F.R. § 1.97(c) applies and the Examiner is not satisfied that any Promptness Certificate submitted meets the requirements of 37 C.F.R. § 1.97(e).

____ The submission fee set forth in 37 C.F.R. § 1.17(p).

____ The petition fee set forth in 37 C.F.R. § 1.17(i)(1).

Dated this 9th day of August 2002.

Respectfully submitted,



DANA L. TANGREN
Attorney for Applicant
Registration No. 37,246



022913

PATENT TRADEMARK OFFICE

DLT:dfw

Enclosures

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COPY OF PAPERS
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PATENT APPLICATION
Docket No: 14254.50

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Richard Donald Gunn et al.

Serial No.: 10/003,971

Filed: November 2, 2001

For: IMPROVEMENTS IN AND RELATING TO APPARATUS
AND METHODS FOR MONITORING EMISSIONS

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CERTIFICATE OF DEPOSIT UNDER 37 CFR § 1.8

I hereby certify that the following documents are being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on the 9th day of August 2002.

- Transmittal for Supplemental Information Disclosure Statement (3 pages)
- Supplemental Information Disclosure Statement (2 pages)
- Form PTO-1449 listing 2 references (2 pages)
- A copy of each listed reference
- Postcard

Respectfully submitted,

DANA L. TANGREN
Attorney for Applicant
Registration No. 37,246

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PATENT APPLICATION
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For: IMPROVEMENTS IN AND RELATING TO APPARATUS
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AUG 28 2002
Unit 2809

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR § 1.97

Commissioner for Patents
Washington, DC 20231

Sir:

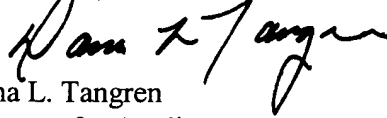
Please find, pursuant to 37 CFR § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 CFR § 1.56(c). While no representation is made that these references may be "prior art" within the meaning of that term under 37 CFR §§ 102 or 103, the enclosed listed references are disclosed so as to fully comply with the duty of disclosure set forth in 37 CFR § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 CFR §§ 1.97 and 1.98, a copy of each of the listed references or relevant portion thereof is also enclosed.

Dated this 9th day of August 2002.

Respectfully submitted,



Dana L. Tangren
Attorney for Applicant
Registration No. 37,246



022913

PATENT TRADEMARK OFFICE

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Form PTO-1449

Sheet 1 of 2

Applicant: Richard Donald Gunn et al.

COPY OF PAPERS
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Confirmation No.: 6628
Att'y Docket No.: 14254.50

Serial No.: 10/003,971

Filing Date: November 2, 2001

Group: 2878

For: IMPROVEMENTS IN AND RELATING TO APPARATUS AND METHODS FOR
MONITORING EMISSIONS



SUPPLEMENTAL INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

U.S. Patent Documents

Examiner
Initial*

Document
Number

Issue
Date

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Foreign Patent Documents

Examiner
Initial*

Document
Number

Publication
Date

Country or
Patent Office

Translation

Other Documents

(including author, title, pertinent pages, etc.)

Examiner
Initial*

____ 1 L'Annunziata, *Handbook of Radioactivity Analysis*, Academic Press, ISBN 0-12-4362559, August 1998, p. 157..

____ 2 G. Muller et al., *Low-background Counting Using GE(Li) Detectors with Anti-muon-shields*, Nuclear Instruments and Methods in Physics Research A295, May 9, 1990, pp. 133-139.

Examiner:

Date Considered:

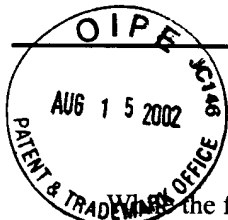
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

Applicant: Richard Donald Gunn et al.
Serial No.: 10/003,971
Filing Date: November 2, 2001
For: IMPROVEMENTS IN AND RELATING TO APPARATUS AND METHODS FOR
MONITORING EMISSIONS

COPY OF PAPERS
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Sheet 2 of 2
Confirmation No.: 6628
Att'y Docket No.: 14254.50
Group: 2878



References Cited by Applicants

When the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

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Examiner:

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